



CPYRGHT

## Laser surgery, drug abuse exhibits win top scientific honors, page 8

Billings and Hektoen gold medal recipients are John Foulke, MD, (center), Central Intelligence Agency, Washington, D.C., and Geza J. Jako, MD (right), Boston U. School of Medicine. Congratulating them is Frank P. Foster, MD, chairman of AMA's Council on Scientific Assembly. Story, page 8.



**House adopts  
new policy  
on marihuana,  
page 4**

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Fourth issue    Volume 68  
Wednesday, June 21, 1972  
San Francisco, California

CPYRGHT

# Hello!

The Daily Bulletin of the American Medical Association is published on each day of its Annual and Clinical Conventions. For this San Francisco meeting, a newsmagazine format has replaced the more familiar tabloid newspaper size. Deadlines are 3:30 p.m. of the day preceding publication. Editorial offices are in the Walnut Suite of the San Francisco Hilton; phone 441-2013.

Wednesday, June 21, 1972

CPYRGHT

## Briefly

The inauguration of C. A. Hoffman, MD, as the 127th president of the American Medical Association takes place Wednesday evening at 5 p.m. in the Continental Ballroom of the Hilton Hotel.

Other convention **social functions and activities** are listed on pages 290-295 of the Scientific Program.

William "Buz" Sawyer, MD, San Francisco allergist, directs and operates a **gallery of contemporary art**, described as "a very lively small museum of modern art." Dr. Sawyer has helped the careers of several promising artists by staging one-man shows. The gallery, 3045 Clay St., is open between 10:30 a.m. and 5:30 p.m. AMA members and guests are invited.

The scientific program, including the scientific exhibits at Brooks Hall-Civic Center, **will close at noon Thursday.**

The first **American College of Preventive Medicine Distinguished Service Award** was presented to Dr. Ernest Lyman Stebbins, Baltimore. Presenting the bronze plaque and \$500 honorarium was ACPM President Lee B. Grant, MD, Pittsburgh. Dr. Stebbins was cited for achievements in preventive medicine, contributions to education, and leadership in founding the American Board of Preventive Medicine and the American College of Preventive Medicine.

The medical motion picture program continues in Brooks Hall Wednesday. Complete information on the program begins on page 174 of the Scientific Program. A Wednesday afternoon feature is a **symposium on hernia.**

The AMA's **1971 Medical Journalism Awards** were presented Tuesday at the annual meeting of the National Assn. of Science Writers. Receiving \$1,000 and a plaque were these first place winners:

- **Magazines**—Marion Steinmann for an article in Life Magazine, "Fighting the Genetic Odds."
- **Newspapers**—Scott Seirer, for a series of articles on the problems of health care in rural areas, in the Hays (Kansas) Daily News.
- **Editorial Writing**—Jack W. Gore, for editorials on drug abuse in the Fort Lauderdale (Florida) News.
- **Television**—the National Broadcasting Corporation, for a documentary, "The Business of Blood," with Tom Pettit as correspondent, Eliot Frankel as executive producer, and William B. Hill and Anthony Potter, producers.
- **Radio**—the National Broadcasting Corporation, for a program, "Alcoholism: The Changing Concept," with Wilson Hall as reporter and Fitzgerald Smith as producer-writer.

James Keogh, author of the current best-seller, "President Nixon and the Press," will be the featured speaker at the **1972 Communications Clinic** sponsored by the AMA. Open to all physicians, medical society executives, and others interested in medical public relations, the Clinic will be Monday and Tuesday, Aug. 28-29, at the Drake Hotel in Chicago. Keogh will speak at the concluding luncheon on Tuesday. **Clinic information is available** from the Press Relations Dept., AMA, 535 N. Dearborn, Chicago, Ill. 60610.

**Medicine and its relationship to amateur radio** is the scientific program theme for the sixth annual meeting of the Medical Amateur Radio Council Thursday at the St. Francis Hotel. Highlights include an inaugural and awards dinner in the evening and discussions throughout the day on topics such as "Role of a Satellite in a Bio-Medical Communications Network," "Missionary Radio Services," "Slow-Scan Television and Transmission of Medical Data."

## Registration totals

Registration for the first two days of the AMA's Annual Convention totaled 26,781, including 10,101 physicians. The three-day breakdown also included 1,540 industrial exhibitors, 635 exhibitors' guests, 289 medical students, 433 registered nurses, 492 allied health professionals, and 13,291 physicians' guests. Tuesday physician registration was 1,120.

# **An important concept: Different addicts need different kinds of help.**

## **An important film: "Building a Drug Abuse Program."**



Dr. Jerome H. Jaffe served as director of an Illinois state program designed to help addicts help themselves. In this film, made prior to his appointment as head of the White House Special Action Office for Drug Abuse Prevention, Dr. Jaffe describes this successful individualized self-help approach, which utilizes three different treatment modalities—methadone maintenance, standard hospital withdrawal and aftercare, and residence in a therapeutic community. The addict chooses a treatment modality, but may switch to or add others based on his individual needs.

This instructive 49-minute film, produced by World Wide Medical Press in association with the American Psychiatric Association and under a grant from Roche Laboratories, is now available to show your staff or colleagues. Simply send in the form below.

**"Building a Drug Abuse Program"**  
Roche Film Order—Fill in and mail to:  
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(2) \_\_\_\_\_ (3) \_\_\_\_\_



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# Delegates adopt marihuana statement

The House of Delegates of the American Medical Association late Wednesday approved a proposal that on one hand, prohibits the public use of marihuana, while on the other, recommends that "personal possession of insignificant amounts of that substance be considered at most a misdemeanor with commensurate penalties applied."

The action came after a debate of more than 30 minutes over a reference committee report which, among other things, stipulated the use of marihuana should not be considered a criminal act.

The approved wording was the result of an amendment offered by William F. Quinn, MD, Los Angeles, a delegate from California. His amendment recommended that:

"This AMA House of Delegates does not condone the production, sale or use of marihuana. It does, however, recommend that the personal possession of insignificant amounts of that substance be considered at most a misdemeanor with commensurate penalties applied. It also recommends its prohibition for public use; and that a plea of marihuana intoxication should not be a defense in any criminal proceeding."

The debate elicited heated comment at times. One delegate called the Quinn amendment "wishy-washy" and suggested that it invited the continued use of marihuana. Another argued the House should confine itself to the medical aspects of the situation and leave the legal issue to state legislatures.

Among those who supported the amendment were the representatives from the Student American Medical Association and the new section of House Staff Officers.

## Rural Health

The AMA renewed its strong commitment to increase the availability of medical services in rural and medically underserved areas.

The House, which reconvenes at 9 a.m. today, endorsed reports from its Councils on Rural Health and Health Manpower outlining means of increasing the availability of health care in rural areas; and reaffirmed its support of a "Project U.S.A." to help locate and recruit physician volunteers for the National Health Service Corps.

The delegates also reaffirmed their opposition to legislative programs

"that would, in effect, draft physicians for the provision of civilian health care."

The Project U.S.A. concept was originally approved in 1969 as a "domestic version of Project Vietnam," the Association's program to recruit volunteer physicians to help provide medical care to Vietnamese civilians.

In reaffirming the project, delegates directed that the AMA, as a public service, would provide the profession with pertinent information, respond to inquiries from physicians, maintain data on applications and assignments, and physician reactions to the program before and after service with the NHSC.

## FAA ruling supported

Transfer of medical certification of airline pilots from present Aviation Medical Examiners to physicians designated by airlines and approved by the Federal Aviation Administration was supported by the House, which described the new FAA rule as an important step in the interest of public safety.

## Tax credits backed

To encourage physicians to locate in disadvantaged areas, the House passed a resolution actively supporting national and state legislation to grant income tax credits to medical practices established in shortage areas.

The reference committee said it "is aware there are many factors involved in determining a physicians practice location and that financial remuneration is not paramount. Nevertheless, because of the need for services in shortage areas, we believe, it is advisable to suggest financial incentives."

## Catastrophic coverage

The House reaffirmed its support of catastrophic health insurance coverage, but indicated that any such federally-financed program should not be freestanding. Instead, the resolution said, catastrophic coverage should be related to provisions for comprehensive health benefits.

## "Physician" defined

The House adopted this definition of a physician:

"A person who, having been regularly admitted to a medical school duly recognized in the country in which it is located, has successfully completed the prescribed course of

studies in medicine and has acquired the requisite qualifications to be legally licensed to practice medicine."

## No platform required

A proposal that those seeking AMA elective offices present platforms when announcing their candidacies was rejected by the House, which noted that "with very few exceptions, candidates for high office are well-known to the majority of members of this House. In addition, visitation by candidates to delegates caucuses and other direct contacts provide members of the House with an understanding of the candidates' views on important issues."

## Poll commended

The House commended the recent membership poll, and suggested that future polls may be submitted both to member and to non-member physicians. Results of the poll, announced to the House on Sunday, showed that an overwhelming number of physicians want the AMA to continue to seek to retain the basic principles of private practice in any government health program that might be enacted.

The two-page questionnaire, mailed to 177,882 non-federally employed members of the AMA, drew 94,035 responses, a 52.9% return. In addition, the poll was sent to a random sample of 4,500 members (including federal physicians) and a random sample of 3,000 non-members of the AMA to test sampling techniques as a possible tool for use in future opinion surveys.

## Gun Control

The House supported strict enforcement of existing laws relating to the illegal use of firearms.

A lively debate began with consideration of a resolution from the Ohio delegation calling for the AMA to support legislation providing for mandatory jail sentences for those found guilty of committing or threatening to commit a misdemeanor involving the use of a firearm.

Following the debate, delegates approved a substitute resolution from Michigan calling on the AMA to "express its strong abhorrence and continued opposition to the use of a firearm or any weapon in the commission of a crime and that it urge the enforcement of strict penalties for such use."

In a companion action, delegates turned down a resolution introduced by the District of Columbia urging the AMA to support national gun control legislation. The reference committee indicated and several delegates agreed that the resolution failed to spell out what specific controls are envisioned.

#### AMA Activities

A report by the AMA executive vice president describing the Association's activities and programs has been called the "finest summary ever reported" and deserving of wide publicity.

The House said the detailed document "should provide an excellent vehicle for membership recruitment as well as an instrument of positive public relations."

"At a time when the Association is subjected to accusations of inactivity," the House noted, "it is especially important to remind professionals at large and the public of the many positive contributions being made by the AMA for the betterment of the public health."

In commending Ernest B. Howard, MD, AMA executive vice president, and the 1,000 employees under his direction in the Association's Chicago headquarters for "a job well done," the reference committee noted that, "in our accumulated evidence in the House of Delegates, we have detected no evidence of deteriorating staff morale."

The committee added that, "In response to Dr. Howard's invitation, our query on this subject to AMA staff members at the convention leads us to conclude that the AMA is fortunate to be served by such a dedicated, loyal, and enthusiastic staff."

#### Miscellaneous

In other action, the House:

- Requested the Council on Industrial Health to study the requirements made under the Occupational Safety and Health Act, with particular reference to possible discrimination against physicians and other small employers.

- Encouraged individual physicians and authorized spokesmen for component societies of the AMA to continue to speak out on public issues. Such activity should be considered "proper and ethical," the delegates said.

- Opposed the establishment of a new National Institute of Gerontology. Noting that the existing National Institutes of Child Health and Human Development already provide many of the programs envisioned for the new institute, the House said,

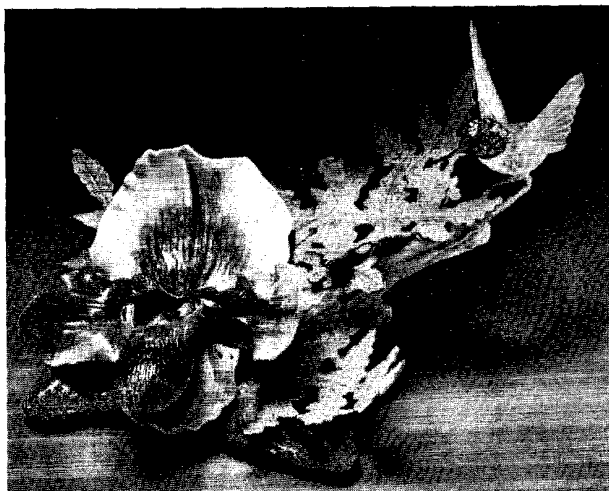
"There is no adequate justification for a separate institute, that such a new institute would further fragment the national health effort, and that the formation of a separate institute would not necessarily achieve the objectives stated."

- Stipulated that resolutions to the AMA be submitted in sufficient time prior to each Annual and Clinical Convention so that summaries of all "available" resolutions can be published in **American Medical News** one month prior to the Annual and Clinical Conventions.

- Referred to the Board of Trustees and its Committee on Maternal and Child Care for further study the

"declaration of Interdependence" issued by the AMA and many other national organizations at the conclusion of the March AMA Congress on the Quality of Life. The reference committee noted that although "it takes no issue with the laudable intentions of the declaration, it finds the language in certain sections controversial." Singled out was the declaration's concluding paragraph stating, "We dedicate ourselves to an interdependent effort to achieve for each American child his basic inalienable right: A Life of Quality." Many MDs were concerned, the committee noted, that physicians could not "guarantee" such a right.

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Though 'risky,' GPs should practice 'friendlicare'

## Counseling is 'fundamental'

Counseling in depth is a fundamental part of patient care, speakers said at a symposium Tuesday morning sponsored by the section on Family and General Practice.

Gerald Egelston of Pearl River, N. Y., said a common denominator of good family practice is counseling but he warned that such counseling is "fraught with risk."

Nonetheless, Egelston emphasized that counseling affords one of the best ways of meeting the public's expectations. "The public," he said, "wants a doctor with empathy. They want to respect a doctor. Without that respect, a physician's practice is obfuscated."

"Friendlicare," said Egelston, "best describes the good office of the family physician and the people need you (the physicians), not your nostrums."

Adequate premarital counseling and examination are of primary importance, in the opinion of Joseph B. Trainer, MD, of Portland, Ore. According to Dr. Trainer:

"A GOOD premarital examination program will meet a real need of the more than two million couples who marry each year. It can substantially reduce the trauma of post-marital adjustments, and give the couple a natural focal point to bring their inevitable problems."

Dr. Trainer advocated a series of five one-hour appointments spread over at least three months of time before the wedding. This includes four visits before the wedding, and one after. "The feedback from 20 years of doing this kind of examination," he said, "convinces me it is one of the most worthwhile and satisfying aspects of medical practice. I am certain that the good, in terms of satisfactory marriages, is far out of proportion to the time originally spent."

In discussing counseling of the confused child and problem parent, Beverley T. Mead, MD, Omaha, said physicians can do much by early recognition of a problem child than hours of treatment might do later. But at the same time, he warned that, in such cases, physicians should pay more attention to the parents and the patterns that exist within the family.

DR. MEAD said that when problem children are brought in for treatment there usually exists an atmosphere of antagonism between the child and his parents. The doctor's

task, he stated, is to get the child and his parents on the same side, to understand the problem, and not be contending against one another.

Marriage affects health and health affects marriage and if a physician is involved with the one he is "inescapably" involved with the other, according to David R. Mace, PhD, of Winston-Salem, N.C., who discussed counseling patients with marital problems.

Where such counseling is concerned, Dr. Mace said all physicians should be able to:

- Identify a marital problem which is related to a patient's illness.
- Be able to give effective first-aid if a marital crisis is confronted.
- Be able to refer marriage problems to other competent professionals who can provide the time and skill to deal with the problems.

In looking at the attitude of physicians in their roles as counselors, Edward J. Kowalewski, MD, professor and head of the division of family practice at the U. of Maryland School of Medicine, declared, "counseling is an equal tool required as part of the total therapy. Frequently, it is the difference between partial and complete success in any therapy."

"I believe," Dr. Kowalewski concluded, "that we as physicians, by virtue of our close and continual involvement with families and individuals, should develop an on-going understanding of a patient or a family's philosophies and principles, so that in time of need, we can assume more of the burden of decision-making. I am not talking about the physician playing god, I am talking about the physician's role as a responsible counselor."

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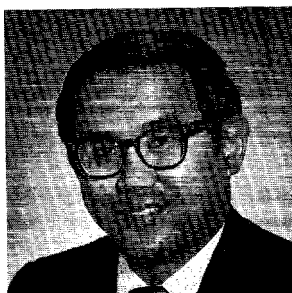
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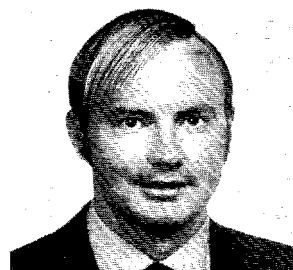
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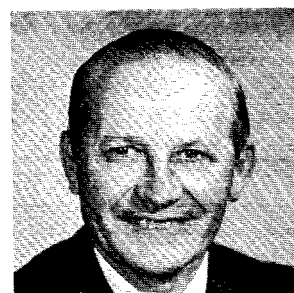
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## Top exhibits: laser surgery, drug abuse

The winners of the Hektoen and Billings Gold Medals are exhibits on "Laser Surgery in the Larynx" and "Drug Abuse."

The medals are the top prizes given by the Committee on Awards. The Hektoen Medals are given to exhibits that present original research, while the Billings Medals recognize the exhibits whose authors did the best job of presenting information.

"Laser Surgery in the Larynx" (1431) was prepared by Geza J. Jako, MD, and M. Stuart Strong, MD, of the Boston U. School of Medicine, and Thomas G. Polyani, PhD, and Herbert C. Bredemeier of Framingham, Mass. The award-winning exhibit describes microsurgery of the larynx with a carbon dioxide laser and results in treating vocal cord keratosis, carcinoma, and several other conditions.

"**DRUG ABUSE**," which received the Billings Gold Medal, was developed as an educational aid by George P. George, MD, John Foulke, MD, and Donald Borchering, MD, of the Office of Medical Services of the Central Intelligence Agency in Washington, D.C. The exhibit describes the medical aspects of abusing various drugs — depressants, stimulants, narcotics, and hallucinogens.

The winner of the Billings Silver Medal was "Surgical Treatment of Coronary Atherosclerosis" (1105) by C. Walton Lillehei, MD, Robert G. Carlson, MD, and Arnold Landé, MD, of the New York Hospital-Cornell Medical Center. "Urinary Tract Infection: Practical Aspects of Diagnosis and Treatment" (402) by Albert S. Klainer, MD, Robert J. Fass, MD, and Robert L. Perkins, MD, of the Ohio State U. College of Medicine, Columbus, won the Bronze Billings Medal, as well as the John H. Morrissey Award of the AMA Section on Urology. Dr. Klainer also received the Hull Award at last year's Clinical Convention in New Orleans.

Paul Bach-y-Rita, MD, of the Smith-Kettlewell Institute of Physical Sciences, San Francisco, won the Silver Hektoen Medal for "Sensory Substitution: Research to Circumvent the Problems of Blindness and Deafness" (1220). The Hektoen Bronze Medal went to "Clinical Experiences with the Modified Arterial Graft (Bovine Origin) in Man" (1106)

by John M. Keshishian, MD, Nicholas P. D. Smyth, MD, Paul C. Adkins, MD, Frank A. Camp, MD, and William Z. Yahr, MD, of the George Washington U. School of Medicine, Washington Hospital Center and the Pontiac Fund for Cardiovascular Research, Washington, D.C.

**IN THE STUDENT** American Medical Association Exhibits, the first-place awards went to Ezra Steiger, MD, in the Intern-Resident Division and to Randi Rubovits in the Medical Student Division. Miss Rubovits, of the U. of Illinois College of Medicine, Chicago, won the prize for "Huntington's Disease" (214) and Dr. Steiger, of the Hospital of the U. of Pennsylvania, Philadelphia, received the award for "Post Operative Protein Synthesis" (213).

"The Rheumatoid Knee: Pathology and Surgical Management" (115) by Paul R. Lipscomb, MD, of the American Academy of Orthopedic Surgeons, Chicago, received a certificate of merit in the Exhibit Symposium on Arthritis and Rheumatism. Forrest H. Riordan III, MD, and Gino Saliccioli, MD, of Rockford, Ill., received honorable mention for "Treatment of the Arthritic Hip" (111).

Other award-winning exhibits, by sections:

**Allergy:** "Immunogenic Lung Disease" (916) by H. Rowland Pearsall, MD, Edward H. Morgan, MD, and Richard H. Winterbaumer, MD, of the Mason Clinic, Seattle, received a Certificate of Merit. "Bronchography in Childhood Asthma" (920) by Arvin E. Robinson, MD, of Duke U. Medical Center, Durham, NC, and John B. Campbell, MD, of Denver Children's Hospital, received Honorable Mention.

**Anesthesiology:** A Certificate of Merit was given to "The Use of the Nerve Stimulator for Localization of Nerves in Regional Analgesia — A Useful Diagnostic and Training Aid" (311) by S. J. Montgomery, MB, P. P. Raj, MB, and Dexter C. Nettles, MD, of the U. of Texas Southwestern Medical School, Dallas. "Neural Injury, Muscle Relaxants and Potassium" (306) by R. E. Tobey, MD, J. B. Oldershaw, MD, R. J. Clubb, and M. A. Dean, MD, of Great Lakes (Ill.) Naval Hospital received Honorable Mention.

**Clinical Pharmacology and Therapeutics:** Vincent P. Butler Jr., MD, and John Lindenbaum, MD, of

Columbia U. College of Physicians and Surgeons, received a Certificate of Merit for "Clinical Application of Serum Digoxin Immunoassay."

**Dermatology:** "Electrosurgery of the Skin" (1411) by Christian E. Radcliffe, MD, and Larry W. Cole, MD, received a Certificate of Merit. Two exhibits received Honorable Mention. One was "Morphology of Normal and Abnormal Human Stratum Corneum" (1304) by H. Goldschmidt, MD, U. of Pennsylvania, and two German physicians, G. Plewig, MD, and E. Christophers, MD, of the U. of Munich. The other was "Oral and Cutaneous Manifestations of Infectious Diseases" (1408) by George A. Pankey, MD, Laurence M. Coretz, MD, Herbert B. Christianson, MD, and James H. Quinn, DDS, of Ochsner Clinic and Ochsner Foundation Hospital, New Orleans.

**Diseases of the Chest:** "Coronary Artery Bypass Surgery" (603) by Robin R. Johnston, MD, R. C. K. Higgins, MD, Gale E. Thompson, MD, and G. Hugh Lawrence, MD, of the Mason Clinic, Seattle, won a Certificate of Merit. Honorable Mention was given to "Microcirculatory Changes in Hemorrhagic Shock" (610) by Stennis D. Wax, MD, and Watts R. Webb, MD, State U. of New York, Upstate Medical Center, Syracuse.

**Family and General Practice:** Certificate of Merit went to "Chronic Recurring Headache in Intracranial Disorders" (502) by Arnold P. Friedman, MD, Rafael H. Lopez, MD, and Jay M. Coblentz, MD, Montefiore Hospital and Medical Center, New York.

**Gastroenterology:** "Use of Cholecystokinin and Secretin for Roentgenographic Diagnosis of Diseases of the Small Intestine" (103) by William Y. Chey, MD, Jorge Gutierrez, MD, George Baron, and Gerald Holzwasser, MD, of Genesee Hospital and U. of Rochester (NY) School of Medicine, received a Certificate of Merit. Honorable Mention went to two exhibits — "Hyperlipidemia Associated with Pancreatitis" (104) by Eugene I. Winkelman, MD, Richard G. Farmer, MD, Helen B. Brown, PhD, and Lena A. Lewis, PhD, of Cleveland Clinic Foundation, and to "Long-Term Post Surgical Follow-up of Inflammatory Colon Disease" (105) by F. Warren Nugent, MD, Malcolm G. Veidenheimer, MD, and William A. Meissner,



MD, of Lehey Clinic Foundation and New England Deaconess Hospital Boston.

**General Surgery:** Exhibits in this section won the Billings Silver Medal and the Hektoen Bronze Medal, as well as two Certificates of Merit and two Honorable Mentions. The certificates were given to "Immediate Fasciotomy and Hydrocortisone in the Treatment of Severe Pit Viper Venom Envenomation" (1009) by Thomas G. Glass Jr., MD, of the U. of Texas Medical School at San Antonio, and "Endotoxic Shock — a Current Concept of Therapy" (1108) by William Schumer, MD, Peter Erve, PhD, Sheldon O. Burman, MD, Lloyd M. Nyhus, MD, and A. Gerson Greenburg, MD, PhD, of West Side VA Hospital, Chicago. "Amputation with Immediate Ambulation" (1018) by Wesley S. Moore, MD, Albert D. Hall, MD, and Leigh Wilson of the San Francisco VA Hospital received Honorable Mention, along with "Accidental Intra-Urethral Inflation of Foley Retention Catheters" (1019) by Thomas Sellett, MD, Daniel H. McWhorter and William J. Binard of Abraham Lincoln School of Medicine, Chicago.

**Internal Medicine:** "Management of Hypertensive Emergencies" (405) by Donald G. Vidt, MD, and Ray W. Gifford Jr., MD, of Cleveland Clinic Foundation won a Certificate of Merit. "The Hemodynamic and Metabolic Basis of Angina Pectoris" (419) by Hratch Kasparian, MD, Leslie Wiener, MD, and Albert N. Brest, MD, Jefferson Medical College and Hospital, Philadelphia, received Honorable Mention.

**Neurological Surgery:** "The Principle of Spring Loaded Points for Cervical Traction" (1203) by W. James Gardner, MD, and Herbert S. Bell, MD, of Huron Road Hospital, Cleveland, won a Certificate of Merit. C. Normal Shealy of the Pain Rehabilitation Center, La Crosse, Wis., received Honorable Mention for "Chronic Pain Relief by Dorsal Column Stimulation" (1201).

**Obstetrics and Gynecology:** "Laparoscopy in Gynecology" (812) by Stanley R. Chard, MD, Robert D. Christ, MD, and J. Benjamin Younger, MD, of Walter Reed General Hospital, Washington, DC, won a Certificate of Merit. Honorable Mention went to "Cryosurgical Neoplasia" (814) by William E. Crisp, MD, of Maricopa County Hospital and the U. of Arizona, Phoenix, and Duane Townsend, MD, of Los Angeles County Hospital and the U. of Southern California Medical Center.

**Ophthalmology:** "Retinopathy in Experimental Diabetes" (1418) by Ronald L. Engerman, PhD, Matthew



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**Reference:** 1. Modell, W., ed.: *Drugs of Choice 1970-1971*, St. Louis, The C. V. Mosby Company, 1970, p. 196.

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D. Davis, MD, and J. M. B. Bloodworth, MD, of U. of Wisconsin, Madison, won a Certificate of Merit. "Differences in the Ocular Pathogenicity of Type 1 and Type 2 Herpesvirus Hominis" (1421) won Honorable Mention for Jang O. Oh, MD, PhD, Nancy Schlenke, G. Richard O'Connor, MD, and Thomas Stevens, MD, of the Francis I. Proctor Foundation, U. of California Medical Center, San Francisco.

**Orthopedic Surgery:** Two Certificates of Merit — to "Injuries of the Talus" (903) by Eugene T. O'Brien, MD, M. Joseph Sheppard, MD, and Jack B. Howard, MD, of Wilford Hall USAF Medical Center, Lackland Air Force Base, Tex., and "Total Hip Reconstruction" (905) by Charles M. Evarts, MD, Kenneth E. DeHaven, MD, Alan H. Wilde, MD, Carl L. Nelson, MD, and H. Royer Collins, MD, of Cleveland Clinic Foundation. There were also two Honorable Mentions — to "The Operative Treatment of Ankle Fractures" (911) by Gerald W. Cady, MD, and Alice M. Martinson, MD, of the San Diego Naval Hospital and "Carpal Tunnel: A Diagnostic Dilemma?" (912) by Robert E. Stack, MD, and James B. MacLean, MD, of the Mason Clinic, Seattle.

**Otorhinolaryngology:** The Hektoen Gold Medal went to this section, while "Mediastinoscopy" (1426) won a Certificate of Merit for J. A. Tucker, MD, of the Graduate Hospital of the U. of Pennsylvania, Robert Shapiro, MD, of the U. of Pennsylvania, P. H. Ward, MD, of UCLA, P. Harris, MD, of Vanderbilt U., Nashville, A. J. Duvall, MD, and S. H. Koop, MD, of the U. of Minnesota. "Tomographic Histologic Correlation of the Temporal Bone" (1423) by Leon G. Kasheff, MD, Peninsula Hospital and Medical Center, Burlingame, Calif., Eugene Myers, MD, Presbyterian U. of Pennsylvania Medical Center, and Sylvan Stool, MD, Childrens Hospital of the U. of Pennsylvania, Philadelphia.

**Pathology:** Hugh A. McAllister, MD, and Norman M. Rich, MD, of the Armed Forces Institute of Pathology and Walter Reed General Hospital, Washington, DC, received a Certificate of Merit for "The Enigma of the Popliteal Artery in Disease and Injury" (1118).

**Pediatrics:** "Human Chromosome Analysis" (223) by Willard R. Centerwall, MD, and J. Lamont Murdoch, MD, of Loma Linda (Calif.) U. Schools of Medicine and Health won a Certificate of Merit. "Radio-nuclide Angiography of Chest Masses in Children" (216) by James J. Conway, MD, and Joseph O. Sherman, MD, of Children's Memorial Hospi-

tal, Northwestern U. Chicago, received Honorable Mention.

**Physical Medicine and Rehabilitation:** "A New Device for Partial Hand Amputees" (1211) by Lawrence H. Wisham, MD, Frances F. Dworacka, MD, Josephine Cohen and Judith Manis of Mt. Sinai Medical Center, New York, received a Certificate of Merit.

**Preventive Medicine:** The Billings Gold Medal went to this section. Irvin E. Hendryson, MD, Luther A. Cloud, MD, and Frank A. Seixas, MD, of the National Council on Alcoholism, New York, received a Certificate of Merit for "Alcoholism, a Practical Synthesis for Physicians" (813).

**Psychiatry:** William C. Dement, MD, PhD, and Vincent P. Zarcone, MD, of Stanford U. Medical Center, won a Certificate of Merit for "Narcolepsy: A Disease of REM Sleep" (611). Two Honorable Mentions — to "The Cooperative Apartment Program — An Alternative to Institutions for Mental Patients" (615) by Ching-Piao Chien, MD, of Boston State Hospital, and "Headache — A Symptom of Depression" (619) by Seymour Diamond, MD, and Bernard J. Baltes, MD, PhD, of Chicago Medical School, the Samuel H. Flamm Foundation and St. Joseph Hospital, Chicago.

**Radiology:** Two Certificates of Merit — to "Suspected Acute Extensive Bowel Ischemia — The Radiologist's Role in Diagnosis and Therapy" (711) by Leter F. Williams Jr., MD, J. Wittenberg, MD, C. A. Athanasoulis, MD, and J. H. Shapiro, MD, Boston City Hospital and Boston U. School of Medicine, and "Adrenal Angiography" (712) by James W. Lecky, MD, John P. Gartland, MD, and J. Duncan Craven, MD, of UCLA. "Xeromammography — A Diagnostic Review of 250 Biopsied Cases" (702) by John E. Martin, MD, of St. Joseph Hospital, Houston, received Honorable Mention, along with "Spontaneous Esophageal Perforation: A Pathophysiologic Roentgenographic Correlation" (805) by Lee F. Rogers, MD, Winston Puig, MD, Byron Neal Dooley, MD, and Leo Cuello, MD, of the U. of Texas Medical School at San Antonio.

**Urology:** This section had the Billings Bronze Medal winner. Michael M. Warren, MD, of the U. of Texas Branch, Galveston, won a Certificate of Merit for "Gold Leaf as a Hemostatic Agent in Urologic Surgery" (406). "Complications of Indwelling Urethral Catheters" (420) by Arthur T. Evans, MD, Edward J. Booth, MD, and Alan L. Freeman, MD, of U. of Cincinnati Medical Center received

## Symposia are continuing

The Scientific Program moves into its fourth day Wednesday with a variety of section meetings providing the highlights of the day. Meetings are in the Civic Auditorium, Veteran's Memorial Auditorium, and several nearby hotels. The Scientific Program carries complete details of the meetings; selected highlights follow.

The section on diseases of the chest has two sessions scheduled for Wednesday. In the morning, the section will join with the section on Clinical Pharmacology and Therapeutics in a "Symposium on Rehabilitation for Emphysema Patients." In the afternoon, the section will discuss various ways of diagnosing lung diseases in a symposium cosponsored with the sections on Internal Medicine and Pathology.

Other morning programs include a "Symposium on Management of Neurological Emergencies," presented by the section on Neurology, and a discussion of "Health Care Delivery Problems in Anesthesia," including several papers on members of the anesthesia team, their training, and their roles.

Several papers on prescribing drugs for children will be presented in the morning in cooperation with the Section on Clinical Pharmacology and Therapeutics.

Urological Association gave its award to "Correction of Priapism by Cavernospongiosum Shunt" (410) by Edward C. Sacher, MD, of the Philadelphia Naval Hospital.

**Special Topics:** The Hektoen Silver Medal winner came from this section. Honorable Mention went to "Tensiometric Studies in Wound Healing: The Role of the Bio-Medical Engineer" (1218) by William L. White, MD, T. G. Beckwith, Frances C. Jackson, MD, and James S. Must of the VA Hospital and the U. of Pittsburgh.

"Trauma Activities of the American College of Surgeons" (1501) by Oscar P. Hampton Jr., MD, and Curtis P. Artz, MD, of the American College of Surgeons, Chicago, received Honorable Mention in the Section of Organizational Exhibits.

The exhibit on "Laparoscopy and Gynecology" (812) also received the special award of the American College of Obstetricians and Gynecologists.



Resuscitation exhibit utilizing mannikins is in progress.

Mannikins contribute to realism of daily demonstrations

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## Life-saving techniques shown

Can you save a life you love?

This question will be explored, through lectures and team and individual demonstrations, at one of the sessions at the American Medical Association's special exhibit on resuscitation. The exhibit will be presented in cooperation with the American Society of Anesthesiologists.

"The objective of our exhibit is to provide physicians and their families with the opportunity to learn the latest techniques in cardiopulmonary resuscitation," said Thomas K. Burnap, MD, a Boston anesthesiologist who is chairman of the AMA's Special Exhibit Committee on Resuscitation.

Dr. Burnap added that the exhibit demonstrates how to treat a cardiac arrest and gives the practicing physician an opportunity to evaluate the work of others.

Other members of the AMA's exhibit committee are Joyce Johnson, MD, Salt Lake City, Utah; and Stephen Carveth, MD, Lincoln, Neb.

Drs. Burnap, Johnson, and Carveth are among those lecturing and demonstrating on such subjects as "Emergency care and definitive therapy in cardiac arrest," "Cardiac arrest — what would you do?" "Cardiac arrest in the heart patient," "Liability, resuscitation and the operating room," "Resuscitation of the newborn," "The arrest is over—what now?" and "Resuscitation in the emergency room."

Among those giving daily presentations and staffing the exhibit

are Archer Gordon, MD, Los Angeles; James Burleson, MD, of U. of Texas Southwestern Medical School in Dallas, which is providing the equipment; Arnold Sladen, MD, San Antonio, Tex.; and Ralph Paul, MD, Lincoln, Neb.

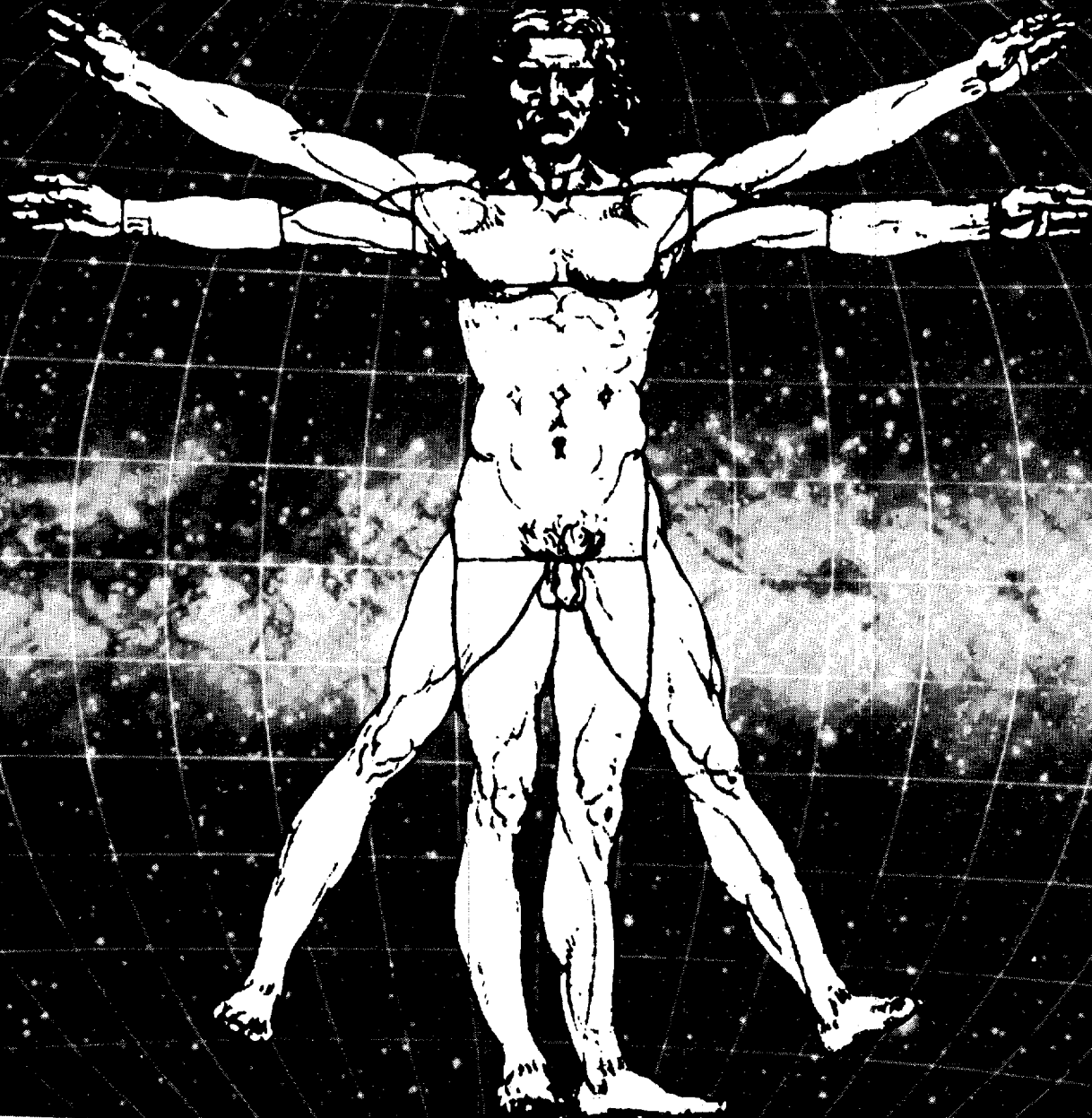
**A KEY FEATURE** of the exhibit is its utilization of adult and infant mannikins to clearly demonstrate how a cardiac arrest team might function in a hospital.

The automated mannikins show pressure and volume of breathing as well as blood pressure being generated. The mannikins are connected to a device that places physiological variables on a screen so those visiting the exhibit can practice first-hand the various principles being discussed.

Equipment is operated by staff while physicians and others practice techniques. The mannikins are used to demonstrate simple rescue work, definity therapy, the drawing and administering of drugs, treating the disturbances of heart rhythm, and how the heart responds to drug therapy.

Question and answer sessions are designed to motivate physicians to become interested in this type of therapy and how to properly relate to those providing care. "The exhibit provides a fully-rounded educational experience," said Dr. Burnap, chairman of the American Heart Assn.'s Committee on Cardiopulmonary Resuscitation and Emergency Cardiac Care. He added that at least one special session each day will be especially designed for the physician's wife and family.

# Squibb brings you into "Space Age Research and Medicine"



## THE SQUIBB EXHIBIT

at the American Medical Association Convention, San Francisco, California, June 18-22, 1972.

Visit the unique Squibb Exhibit at the A.M.A. Convention and explore five aspects of "Space Age Research and Medicine" as dynamic man seeks to adjust to his environment.

### 1. GRAVITY AND LIFE

Subjects: Circulatory System; Metabolism in Altered Gravity; Genetic Integrity—Chromosomal Confusion; Gravity Sensing

### 2. HYPOTHERMIA

Subjects: Low Temperatures and Life Processes

Subjects: Protective Hypothermia; Differential Hy-

pothemia—Cancer Research; Tissue Transplantation

### 3. BODY RHYTHMS

Subjects: Rhythmic Phenomena in Life Processes

Subjects: Regulating the Menstrual Cycle; Sleep and Dreaming Research; Birth Rate and Survival; Variations in Drug Effects; Jet Traveler Syndrome; Cellular Rhythms

### 4. EXO BIOLOGY

Life: Its Origin, Distribution and Diversity in The Universe

Subjects: Synthesis of the Chemical Components of Life; Primitive Cells; Cell Assembly; Viking Mission to Mars in 1975

### 5. INSTRUMENTATION, TELEMETRY AND COMMUNICATIONS

Subjects: Patient Monitoring; Remote Consultation; Semi-Automated Diagnostic Procedures; Prosthetic Devices

The Squibb Exhibit will be located at island exhibit area H-37

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